



***Enduring Resources***

475 17<sup>TH</sup> Street Suite 1500 Denver Colorado 80202  
Telephone 303 573-1222 Fax 303 573 0461

January 9, 2006

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn.: Ms. Diana Whitney

**RE: Asphalt Wash #10-23-14-33  
SWSW 644' FSL - 579' FWL  
Section 33 T10S-R23E S.L.B. & M.  
Lease Serial No.: UTU-073451  
Uintah County, Utah**

Dear Ms. Whitney:

Enclosed is an original application to drill concerning the above-referenced proposed well. This information was also submitted to the Bureau of Land Management.

Enduring Resources, LLC is requesting the Utah Division of Oil, Gas and Mining to hold this application and all future information as confidential.

If any questions arise or additional information is required, please contact me at 303-350-5114.

Very truly yours,

Alvin R. (Al) Arlian  
Landman-Regulatory Specialist

ara  
Enclosures:

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DIV. OF OIL, GAS & MINING

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>				5. MINERAL LEASE NO: <b>UTU-07351</b>	6. SURFACE: <b>Federal</b>
1A. TYPE OF WORK: <b>DRILL</b> <input checked="" type="checkbox"/> <b>REENTER</b> <input type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: <b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input checked="" type="checkbox"/> <b>OTHER</b> _____ <b>SINGLE ZONE</b> <input checked="" type="checkbox"/> <b>MULTIPLE ZONE</b> <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: <b>Enduring Resources, LLC</b>				9. WELL NAME and NUMBER: <b>Asphalt Wash 10-23-14-33</b>	
3. ADDRESS OF OPERATOR: <b>475 17th St., Ste 1500    CITY Denver    STATE CO    ZIP 80220</b>			PHONE NUMBER: <b>(303) 350-5114</b>	10. FIELD AND POOL, OR WILDCAT: <b>Undesignated    Natural Buttes</b>	
4. LOCATION OF WELL (FOOTAGES)  AT SURFACE: <b>SWSW 644' FSL - 579' FWL</b> AT PROPOSED PRODUCING ZONE: <b>Same</b>				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWSW 33 10S 23E S</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>75.2 miles southeasterly from Vernal, UT</b>				12. COUNTY: <b>Uintah</b>	13. STATE: <b>UTAH</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>579'</b>		16. NUMBER OF ACRES IN LEASE: <b>600</b>		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40 acres</b>	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>1214' BHL (Surface 25')</b>		19. PROPOSED DEPTH: <b>7,950</b>		20. BOND DESCRIPTION: <b>RLB0008031</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>5825'    RT-KB</b>		22. APPROXIMATE DATE WORK WILL START: <b>4/1/2006</b>		23. ESTIMATED DURATION: <b>20 days</b>	

24. PROPOSED CASING AND CEMENTING PROGRAM							
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
20"	14"	line pipe		40	3 yards	Ready Mix	
11"	8-5/8"	J-55	24#	2,000	Premium Lead	138 sxs	3.50    11.1
					Premium Tail	138 sxs	1.15    15.8
7-7/8"	4-1/2"	N-80	11.6#	7,950	Class G	136 sxs	3.91    11.0
					50/50 Poz Class G	856 sxs	1.29    14.1

25. ATTACHMENTS		CONFIDENTIAL
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:		
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER  <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN  <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER	

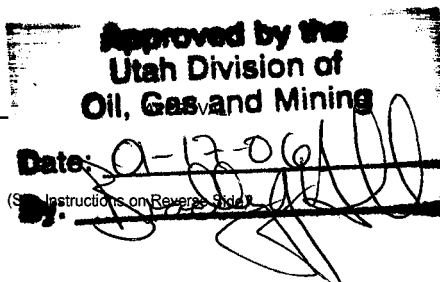
NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE <u></u>	DATE <u>1/9/2006</u>

(This space for State use only)

API NUMBER ASSIGNED: 43-047-37614

(11/2001)

**Federal Approval of this Action Is Necessary**



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DIV. OF OIL, GAS & MINING

# T10S, R23E, S.L.B.&M.

## ENDURING RESOURCES

Found 1994  
Cadastral Alum.  
Cap, Pile of Stones

S89°59'W - 40.11 (G.L.O.)

N89°58'W - 40.07 (G.L.O.)

Found 1994  
Cadastral Alum.  
Cap, Pile of Stones

N89°58'24"E  
1323.89' (Meas.)

N89°58'08"E  
1323.44' (Meas.)

S89°58'40"E  
2644.68' (Meas.)

Found 1994  
Cadastral Alum.  
Cap, Pile of Stones

Found 1994  
Cadastral Alum.  
Cap, Pile of Stones

Found 1994  
Cadastral Alum.  
Cap, Pile of Stones

N00°02'49"E  
1319.60' (Meas.)

N00°03'35"E  
1319.55' (Meas.)

N00°05'E - 39.99 (G.L.O.)

N00°06'23"W  
1319.94' (Meas.)

N00°05'W - 40.00 (G.L.O.)

N00°06'42"W  
1320.04' (Meas.)

N00°05'W - 40.06 (G.L.O.)

N00°06'23"W  
1319.94' (Meas.)

N00°05'W - 40.06 (G.L.O.)

N00°06'42"W  
1320.04' (Meas.)

N00°05'W - 40.06 (G.L.O.)

N00°06'42"W  
1320.04' (Meas.)

N00°05'W - 40.06 (G.L.O.)

N00°06'42"W  
1320.04' (Meas.)

N00°05'W - 40.06 (G.L.O.)

N00°06'42"W  
1320.04' (Meas.)

N00°05'W - 40.06 (G.L.O.)

N00°06'42"W  
1320.04' (Meas.)

N00°05'W - 40.06 (G.L.O.)

N00°06'42"W  
1320.04' (Meas.)

WELL LOCATION, ASPHALT WASH  
10-23-14-33, LOCATED AS SHOWN IN  
THE SW 1/4 SW 1/4 OF SECTION 33,  
T10S, R23E, S.L.B.&M. UTAH COUNTY,  
UTAH.

### NOTES:

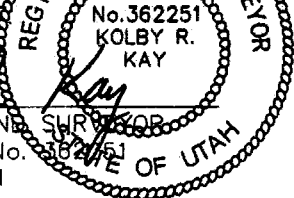
1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. Basis of elevation is triangulation station JEK 19 ET 1966 which is located at the South 1/4 corner of Section 8, T11S, R23E, S.L.B.&M. The elevation of this triangulation station is shown on the Archy Bench SE 7.5 min. Quadrangle as being 6054'.

DISTANCE TO NEAREST WELL			
FROM WELL	TO WELL	COURSE	DISTANCE
10-23-14-33	10-23-13-33	N06°00'44"W	1,171'

**WELL LOCATION:**  
**ASPHALT WASH 10-23-14-33**  
ELEV. UNGRADED GROUND = 5809.2'

▲ = SECTION CORNERS LOCATED

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.



REGISTERED LAND SURVEYOR  
REGISTRATION No. 362251  
STATE OF UTAH

**TIMBERLINE LAND SURVEYING, INC.**  
38 WEST 100 NORTH. - VERNAL, UTAH 84078  
(435) 789-1365

DATE SURVEYED: 10-17-05	SURVEYED BY: K.R.K.	SHEET 2b OF 11
DATE DRAWN: 10-25-05	DRAWN BY: J.R.S.	
SCALE: 1" = 1000'	Date Last Revised:	

Found Witness  
Corner: 1995  
Cadastral Alum.  
Cap, Pile of Stones.  
N89°58'53"E  
49.54' from  
corner.

S89°57'53"W - 2634.73' (Meas.)  
S89°58'W - 39.89 (G.L.O.)

W.C. N89°59'E  
0.75 (G.L.O.)

S89°59'44"W - (Basis of Bearings)  
2644.77' (Measured)  
N89°59'W - 40.10 (G.L.O.)

**ASPHALT WASH 10-23-14-33**  
**(Bottom Hole) NAD 83 Autonomous**  
VERTICAL

**ASPHALT WASH 10-23-14-33**  
**(Surface Position) NAD 83 Autonomous**  
LATITUDE = 39° 53' 59.82"  
LONGITUDE = 109° 20' 21.19"

DRILLING  
WINDOW  
200'  
Well Surface  
Position  
644'

## SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per federal requirements dated June 15, 1988.

Please be advised that Enduring Resources, LLC is considered to be the operator of the following well.

Asphalt Wash #10-23-14-33  
SWSW 644' FSL – 579' FWL  
Section 33 T10S-R23E S.L.B. & M.  
Lease Serial No.: UTU-073451  
Uintah County, Utah

Enduring Resources, LLC is responsible under the terms and conditions of the lease for the operations conducted upon leased lands. Bond coverage is provided by UTB000173.



Alvin R. (Al) Arlian  
Landman - Regulatory Specialist  
Enduring Resources, LLC  
475 17th Street, Suite 1500  
Denver, CO 80202  
(303) 350-5114

January 9, 2006

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DIV. OF OIL, GAS & MINING

## Enduring Resources, LLC

Asphalt Wash 10-23-14-33  
SWSW Sec 33-T10S-R23E  
Uintah County, Utah

Lease #: UTU - 73451

### ONSHORE ORDER 1 - DRILLING PLAN

1. **Estimated Tops of Geological Markers:**

Formation	TVD	Subsea Depth
Uinta		Surface
Green River	605'	+5220'
Wasatch	3663'	+2162'
Mesaverde	5556'	+269'
Castlegate	7961'	-2136'

2. **Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals:**

Substance	Formation	Depth (K.B.) TVD
KB-Uinta Elevation:		5825'
Oil / Gas	Green River	605'
Oil /Gas	Wasatch	3663'
Oil /Gas	Mesaverde	5556'
	Estimated TD	7950'

An 11" hole will be drilled to approximately 2000 feet. The depth will be determined by the depth that the Birds Nest zone is encountered. The hole will be drilled 400 feet beyond the top of the Birds Nest zone and surface casing will be set.

3. **Pressure Control Equipment: (3000 psi schematic attached)**

- A. Type: Eleven (11) inch double gate hydraulic BOP with eleven (11) inch annular preventer on 3,000 psi casinghead, with 3,000 psi choke manifold equipped per the attached diagram. BOPE as specified in *Onshore Oil & Gas Order Number 2*. A PVT, stroke counter and flow sensor will be installed to check for flow and monitor pit volume.
- B. Pressure Rating: 3,000 psi BOPE
- C. Kelly will be equipped with upper and lower Kelly valves.
- D. Testing Procedure: Annular Preventer

At a minimum, the annular preventer will be pressure tested to 50% of the stack rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the annular preventer will be functionally operated at least weekly.

#### Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

#### E. Miscellaneous Information:

The blowout preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*.

#### 4. Proposed Casing & Cementing Program:

##### A. Casing Program: All New

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set (TMD)
20"	14" O.D.				40' (GL)
11"	8-5/8"	24#	J-55	ST&C	0 – 2,016' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 7950' (KB)

The surface casing will have guide shoe, 1 joint, insert float collar. Centralize the shoe joint with bowspring centralizers in the middle and top of the joint and the next 16 joints with bowspring centralizers on every other collar (8 centralizers total). The guide shoe will be thread locked.

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

**B. Casing Design Parameters:**

Depth (MD)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40' (GL)	14" OD			
2016' (KB)	8-5/8", 24#/ft, J55, STC	1370/1.52(a)	2950/3.28(b)	244/5.81(c)
7950' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.54 (d)	7780/2.05 (e)	223/2.81 (f)

- (a.) based on full evacuation of pipe with 8.6 ppg fluid on annulus
- (b.) based on 8.6 ppg gradient with no fluid on annulus
- (c.) based on casing string weight in 8.6 ppg mud
- (d.) based on full evacuation of pipe with 10.0 ppg fluid on annulus
- (e.) based on 9.2 ppg gradient, gas to surface, with no fluid on annulus, no gas gradient
- (f.) based on casing string weight in 9.2 ppg mud

**PROPOSED CEMENTING PROGRAM**

**Surface Casing (if well will circulate)-Cemented to surface**

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft <sup>3</sup> /sx)
8-5/8"	Lead	1500	Premium cement + 16% gel + 0.25 pps celloflake	138	25%	11.1	3.50
8-5/8"	Tail	500	Premium cement + 2% CaCl <sub>2</sub> + 0.25 pps celloflake	138	25%	15.8	1.15

A cement top job is required if cement fallback is greater than 10' below ground level. Top job (weight 15.8 ppg, yield 1.15 ft<sup>3</sup>/sx) cement will be premium cement w/ 3% CaCl<sub>2</sub> + 0.25 pps celloflake. Volume as required

**Surface Casing (if well will not circulate) - Cemented to surface**

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft <sup>3</sup> /sx)
8-5/8"	Lead	500	Premium cement + 2% CaCl <sub>2</sub> + 0.25 pps celloflake	138	25	15.8	1.15
8-5/8"	Top job	As req.	Premium cement + 3% CaCl <sub>2</sub> + 0.25 pps celloflake	As Req.		15.8	1.15

**Production Casing and Liner** - Cemented TD to 300' above base of surface casing

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft <sup>3</sup> /sx)
4-1/2"	Lead	1547	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	136	25	11.0	3.3
4-1/2"	Tail	4687	50/50 POZ Class G + 2% gel +1% CaCl <sub>2</sub> + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	856	25	14.3	1.56

Cement volumes for the 4-1/2" Production Casing will be calculated to provide a top of cement to 300' above base of surface casing. Cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole. Actual cement types may vary due to hole conditions and cement contractor used.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. **Drilling Fluids (mud) Program:**

Interval (MD)	Mud Weight	Fluid Loss	Viscosity	Mud Type
0' - 2016' (KB)		No cntrl		Air/mist
2000'-3000' (KB)	8.4-8.6	No cntrl	28-36	Water
3000'-7950' (KB)	8.8-10.0	8 - 10 ml	32-42	Water/Gel

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

6. **Evaluation Program:**

Tests: No tests are currently planned.

Coring: No cores are currently planned.

Samples: No sampling is currently planned.



Logging

- Dual Induction – SFL /Gamma Ray/Caliper/SP/TDLT/CNL/ML  
TD to Base Surface Casing
- Cement Bond Log / Gamma Ray:  
TD to Base of Surface Casing or Top of Cement if below Base of Surface Casing

Stimulation: A stimulation or frac treatment will be designed for completion of this well based on openhole log analysis. The drill site, as approved, will be sufficient size to accommodate all completion activities.

7. **Abnormal Conditions:**

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 4,134 psi (calculated at 0.52 psi/foot of hole) and maximum anticipated surface pressure equals approximately 2,385 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

8. **Anticipated Starting Dates:**

- Anticipated Commencement Date- Within one year of APD issue.
- Drilling Days- Approximately 10 days
- Completion Days - Approximately 10 days
- Anticipate location construction within 30 days of permit issue.

9. **Variances:**

None anticipated

10. **Other:**

A Cultural Resource Inventory and Paleontology reconnaissance shall be conducted for the well location, access route and pipeline. The reports shall be submitted to the Division of Oil, Gas and Mining and the School and Institutional Trust lands Administration upon their receipt.

Single Shot directional surveys will be dropped every 2000 feet to monitor hole angle.

**ENDURING RESOURCES**  
**Asphalt Wash 10-23-14-33**  
**Section 33, T10S, R23E, S.L.B.&M.**

FROM THE INTERSECTION OF U.S. HIGHWAY 40 AND 500 EAST STREET IN VERNAL, UTAH PROCEED IN AN EASTERLY THEN SOUTHERLY DIRECTION ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.3 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 45 APPROXIMATELY 40.5 MILES TO THE JUNCTION OF THE DRAGON ROAD (COUNTY B ROAD 4180). THIS ROAD IS LOCATED APPROXIMATELY 4.8 MILES SOUTH OF BONANZA, UTAH. EXIT LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION ALONG COUNTY B ROAD 4180 APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THE KINGS WELLS ROAD (COUNTY B ROAD 4190). EXIT RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION ALONG COUNTY B ROAD 4190 APPROXIMATELY 8.7 MILES TO THE JUNCTION OF THE ATCHEE RIDGE ROAD (COUNTY B ROAD 4270). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 4.3 MILES TO THE JUNCTION OF THE LONG DRAW ROAD (COUNTY B ROAD 4260). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHERLY, THEN WESTERLY DIRECTION APPROXIMATELY 4.0 MILES TO THE JUNCTION OF COUNTY B ROAD 4160. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4160 APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THE BITTER CREEK ROAD (COUNTY B ROAD 4120). EXIT LEFT AND PROCEED IN A WESTERLY DIRECTION ALONG COUNTY B ROAD 4120 APPROXIMATELY 1.9 MILES TO THE JUNCTION OF COUNTY B ROAD 4230. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4230 APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THE ATCHEES WASH ROAD (COUNTY B ROAD 4240). EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4240 APPROXIMATELY 2.7 MILES TO A CLASS D COUNTY ROAD. EXIT LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE SADDLETREE DRAW ROAD (COUNTY B ROAD 4230); EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4230 APPROXIMATELY 0.8 MILES TO A SERVICE ROAD; EXIT RIGHT AND PROCEED IN AN EASTERLY THEN NORTHERLY DIRECTION ALONG THE SERVICE ROAD APPROXIMATELY 2.2 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 6,665 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 75.2 MILES IN A SOUTHEASTERLY DIRECTION.

## **Enduring Resources, LLC**

**Asphalt Wash 10-23-14-33  
SWSW Sec 33-T10S-R23E  
Uintah County, Utah**

**Lease #: UTU - 73451**

### **MULTI-POINT SURFACE USE & OPERATIONS PLAN**

#### **1. Existing Roads:**

Directions to the proposed location are as follows:

FROM THE INTERSECTION OF U.S. HIGHWAY 40 AND 500 EAST STREET IN VERNAL, UTAH PROCEED IN AN EASTERLY THEN SOUTHERLY DIRECTION ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.3 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 45 APPROXIMATELY 40.5 MILES TO THE JUNCTION OF THE DRAGON ROAD (COUNTY B ROAD 4180). THIS ROAD IS LOCATED APPROXIMATELY 4.8 MILES SOUTH OF BONANZA, UTAH. EXIT LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION ALONG COUNTY B ROAD 4180 APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THE KINGS WELLS ROAD (COUNTY B ROAD 4190). EXIT RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION ALONG COUNTY B ROAD 4190 APPROXIMATELY 8.7 MILES TO THE JUNCTION OF THE ATCHEE RIDGE ROAD (COUNTY B ROAD 4270). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 4.3 MILES TO THE JUNCTION OF THE LONG DRAW ROAD (COUNTY B ROAD 4260). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHERLY, THEN WESTERLY DIRECTION APPROXIMATELY 4.0 MILES TO THE JUNCTION OF COUNTY B ROAD 4160. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4160 APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THE BITTER CREEK ROAD (COUNTY B ROAD 4120). EXIT LEFT AND PROCEED IN A WESTERLY DIRECTION ALONG COUNTY B ROAD 4120 APPROXIMATELY 1.9 MILES TO THE JUNCTION OF COUNTY B ROAD 4230. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4230 APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THE ATCHEES WASH ROAD (COUNTY B ROAD 4240). EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4240 APPROXIMATELY 2.7 MILES TO A CLASS D COUNTY ROAD. EXIT LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE SADDLETREE DRAW ROAD (COUNTY B ROAD 4230); EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4230 APPROXIMATELY 0.8 MILES TO A SERVICE ROAD; EXIT RIGHT AND PROCEED IN AN EASTERLY THEN NORTHERLY DIRECTION ALONG THE SERVICE ROAD APPROXIMATELY 2.2 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 6,665 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 75.2 MILES IN A SOUTHEASTERLY DIRECTION.

**2. Planned Access Roads:**

The proposed access (all on federal lands) road will be approximately 775 feet of new construction located ON-LEASE and 5,890 feet of new construction OFF-LEASE. Please refer to Topo Map "B" for the takeoff point for the new road construction (*Proposed Access Road*).

This same road shall be used to access the Asphalt Wash 10-23-13-33 (NWSW Sec 33) which shall also be a multi-surface well pad.

The pad is also located on federal lands.

**The well pad will be used to drill two additional proposed directionally drilled wells with BHL's as follows:**

1. **Asphalt Wash 10-23-44-32 (SWSW Sec. 32), and**
2. **Asphalt Wash 10-23-24-33 (SESW Sec. 33)**

**An OFF-LEASE 30' wide, access road right-of-way across BLM lands to access this well will be needed and is requested herein. This is the same road accessing the Asphalt 10-23-13-33.**

The proposed access road will be utilized to transport personnel, equipment and supplies to and from the proposed well site during drilling, completion and production operations. The road will be utilized year round.

The access road will be crowned 2% to 3%, ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet right-of-way. Maximum grade of road is 5% or less. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. No fence crossings, culverts, turnouts, cattle guards or major cuts and fills are required. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

The road surface and shoulders will be kept in a safe usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the road bed.

Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. **Location of Existing Wells within a One-Mile radius (See "Topo" Map "C" attached):**

The following wells are wells located within a one (1) mile radius of the proposed location.

- |    |       |                              |  |
|----|-------|------------------------------|--|
| a. | None: | Water Wells:                 |  |
| b. | None: | Injection Wells:             |  |
| c. | (2):  | Producing Wells:             |  |
|    |       | i.                           | Rock House 2D-32 (Sec 32-10S-23E)      |
|    |       | ii.                          | Rock House 10D-32 (Sec 32-10S-23E)     |
|    |       | iii.                         | Rock House 3-32-10-23 (Sec 32-10S-23E) |
|    |       | iv.                          | Rock House 6D-32 (Sec 32-10S-23E)      |
|    |       | v.                           | Rock House 5-32-10-23 (Sec 32-10S-23E) |
| d. | None: | Drilling Wells:              |  |
| e. | None: | Shut-in Wells:               |  |
| f. | (1):  | Temporarily Abandoned Wells: |  |
|    |       | i.                           | Saddle Tree 13-34 (Sec 32-10S-23E)     |
| g. | None: | Disposal Wells:              |  |
| h. | None: | Abandoned Wells:             |  |
| i. | None: | Dry Holes:                   |  |
| j. | None: | Observation Wells:           |  |

4. **Location of Existing and/or Proposed Facilities:**

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank and be independent of the back cut.

All permanent (on site for six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Inter-Agency Committee

All facilities will be painted within 6 months of installation. The color shall be Carlsbad Canyon (2.5Y 6/2). Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Gas Gathering Pipeline:

- |    |     |                |
|----|-----|----------------|
| a. | 65' | BLM (ON-LEASE) |
| b. | -0- | OFF-LEASE      |

**The OFF-LEASE 30 foot wide, surface, 4 inch pipeline right-of-way across BLM lands to sell natural gas from this well is hereby requested adjacent to the access road. Note: The balance of the pipeline has been requested under the APD for the Asphalt Wash 10-23-13-33 (NWSW of Sec 33-10S-23E).**

If the well is capable of economic production, a surface gas gathering line and related equipment shall be installed. The surface gas gathering line shall be in use year round. A total of approximately 65 feet of surface gas gathering pipeline shall be laid on the surface to minimize surface disturbance:

- The pipeline will be 4 inch or less diameter steel surface pipeline,
- shall be laid beside the access road,

The proposed surface pipeline will begin at the well site and be laid along side the access road until ties into the proposed pipeline to the Asphalt Wash 13-33 Well's proposed pipeline. All the pipeline will be located ON-LEASE.

The line will be welded together and pulled from the well site location (east for 65') and tie-in point when practical; however, it may be necessary to utilize the access road for welding of the line. The line will then be boomed off to the side of the road. That portion of the pipeline not located along the road will be laid with as little surface disturbance as practical. The gas meter run will be located within 500 feet of the wellhead. The meter run will be housed. The gas gathering line will be buried or anchored down from the wellhead to the meter.

Upon plugging and abandonment, the gas gathering line will be removed and the disturbed area will be re-contoured and restored as near as practical to the original condition. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

##### **5. Location and Type of Water Supply:**

Water will be obtained from the White River by Tu and Frum, Inc. Water User Claim #49-2185, Application #T75517, or by Target Trucking Water User Claim #43-2195, or by Dalbo Inc. Water User Claim #43-8496

Water will be hauled to the location over the roads marked on "Topo" Maps "A" and "B."

No water well is to be drilled on this lease.

**6 Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized for location and access road construction.

Any gravel will be obtained from a commercial source; however, gravel sized rock debris associated with location and access road construction may be used as access road surfacing material.

**7. Methods of Handling Waste Materials:**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break or allow discharge of liquids.

The reserve pit will be lined with  $\frac{1}{4}$  inch felt and a minimum of 16 mm plastic with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

A chemical portable toilet will be furnished with the drilling rig. The toilet will be replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

Garbage, trash and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well.

Produced oil will be stored in an oil tank and then hauled by truck to a crude purchaser facility. Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to an approved disposal site.

**8 Ancillary Facilities:**

During drilling operations, approximately 20 days, the site will be a manned camp. Three or four additional trailers will be on location to serve as the crews' housing and eating facilities. These will be located on the perimeter of the pad site within the topsoil stockpiles. Refer to Sheet 4.

**9. Well Site Layout: (Refer to Sheets #2, #3, and #4)**

The attached Location Layout Diagrams described drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpiles(s).

Please see the attached diagram for rig orientation and access roads.

The top soil will be windrowed rather than piled. It will be reseeded and track walker at the time the location is constructed. Seeding will be with the determined during the onsite. (Refer to "Seed Mixture for Windrowed Top Soil Will included:" following herein.

The top soil removed from the pit area will be store separately and will not be reseeded until the pit is reclaimed.

All pits shall be fence to the following minimum standards:

- a. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- b. The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches over the new wire. Total height of the fence shall be at least 42 inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two fence posts shall be no greater than 16 feet.
- e. All wire shall be stretched by, using a stretching device, before it is attached to corner posts.
- f. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.
- g. Location size may change prior to drilling the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling, the location will be re-surveyed and a Form 9 will be submitted.



**10. Plans for Surface Reclamation:****Producing Location:**

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 40CFR 3162.7.
- c. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.
- d. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.
- e. To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding round surface to allow the reclaimed pit area to drain effectively.
- f. Upon completion of back filling, leveling and re-contouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

**Dry Hole/Abandoned Location:**

- a. Abandoned well sites, roads and other disturbed areas will be restored as nearly as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions and re-establishment of vegetation as specified.
- b. All disturbed surfaces will be re-contoured to the approximated natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

**Seed Mixture for Windrowed Top Soil Will Included:**

The appropriate surface management agency will be contacted for the required seed mixture and dates.

**11. Surface Ownership: Location, Access and Pipeline Route:**

Wellsite: Bureau of Land management

Access: Bureau of Land management

Pipeline: Bureau of Land management

**12. Other Information****On-site Inspection for Location, Access and Pipeline Route:**

The on-site was conducted November 2, 2005

**Special Conditions of Approval:**

Production Equipment shall be painted Dark Olive Black.

**13. Other Information****Wildlife Stipulations:**

Wildlife stipulations and possible activity restrictions will be detailed in the conditions of approval" received with an approved Permit to Drill. Operator will comply with these wildlife stipulations, if any.

**Archeology:**

A Cultural Resource Inventory Report is being conducted for the well location, access route and pipeline. The report shall be submitted to the Division of Oil, Gas and Mining and the School and Institutional Trust Lands Administration upon its receipt.

**Paleontology:**

A Paleontology Reconnaissance Report is being conducted for the well location, access route and pipeline. The report shall be submitted to the Division of Oil, gas and Mining and the School and Institutional Trust Lands Administration upon its receipt.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.

All lease operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, and the approved Plan of Operations and all applicable Notice to Lessees. The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

3,000 PSI

# EOP STACK

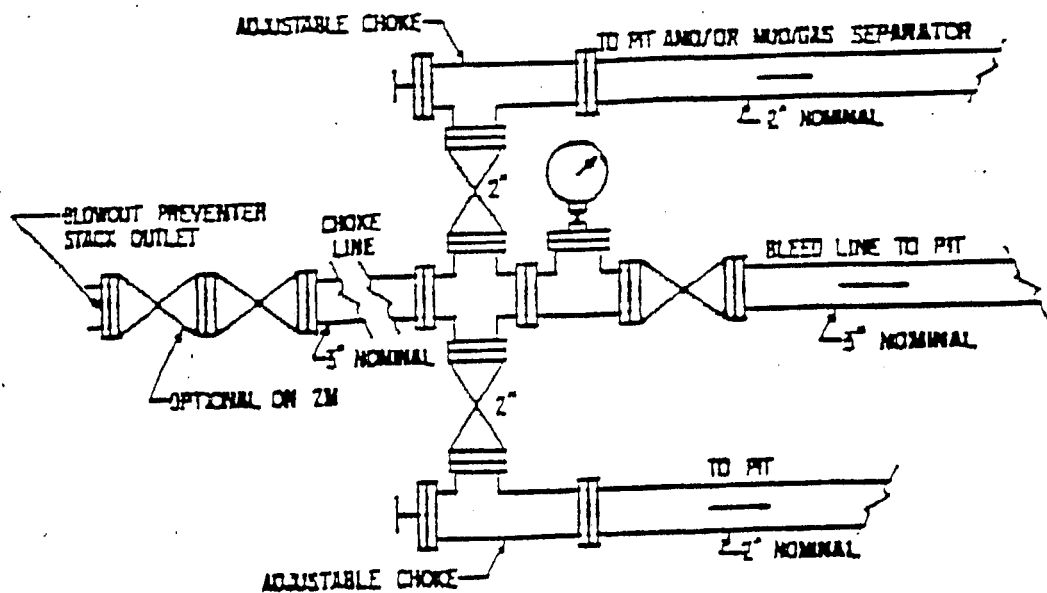
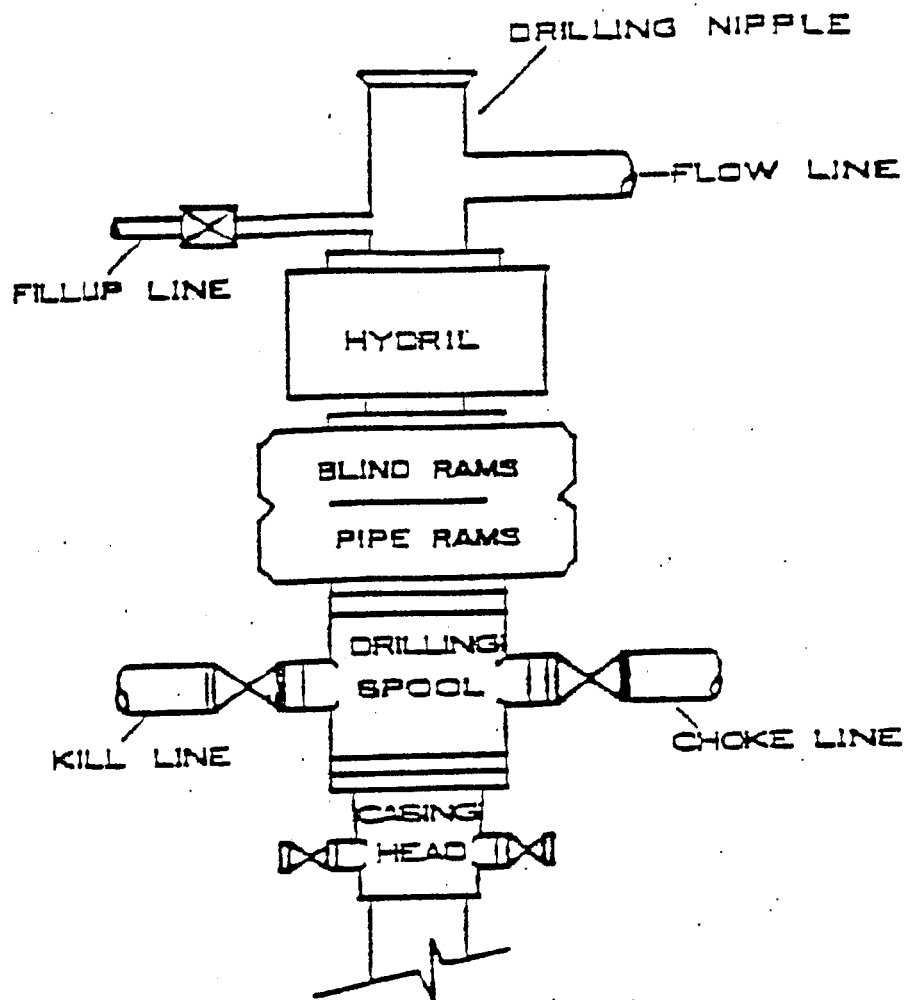




PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY

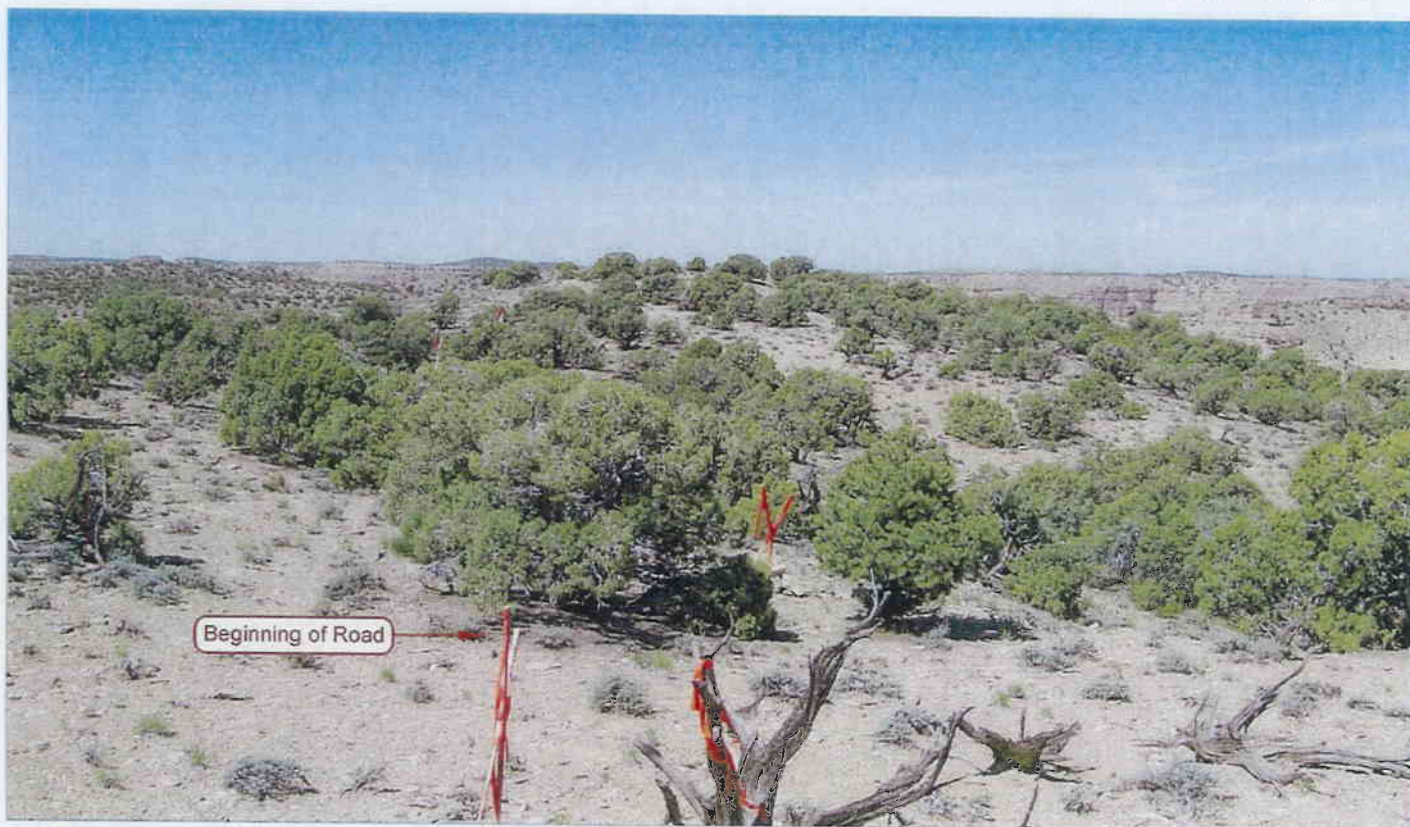


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: WESTERLY

## ENDURING RESOURCES

**Asphalt Wash 10-23-14-33, Asphalt Wash  
10-23-24-34 & Asphalt Wash 10-23-44-32  
SECTION 33, T10S, R23E, S.L.B.&M.  
644' FSL & 579' FWL**

## LOCATION PHOTOS

TAKEN BY: K.R.K.

DRAWN BY: T.D.H.

DATE TAKEN: 06-11-05

DATE DRAWN: 05-10-05

REVISED: 10-25-05 J.R.S.

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**SHEET  
1  
OF 11**



# ENDURING RESOURCE

## WELL PAD INTERFERENCE PLAT ASPHALT WASH 10-23-14-33, ASPHALT WASH 10-23-24-33 & ASPHALT WASH 10-23-44-32

### SURFACE POSITION FOOTAGES:

ASPHALT WASH 10-23-44-32  
640' FSL 554' FWL

ASPHALT WASH 10-23-14-33  
644' FSL 579' FWL

ASPHALT WASH 10-23-24-33  
647' FSL 604' FWL

### BOTTOM HOLE FOOTAGES

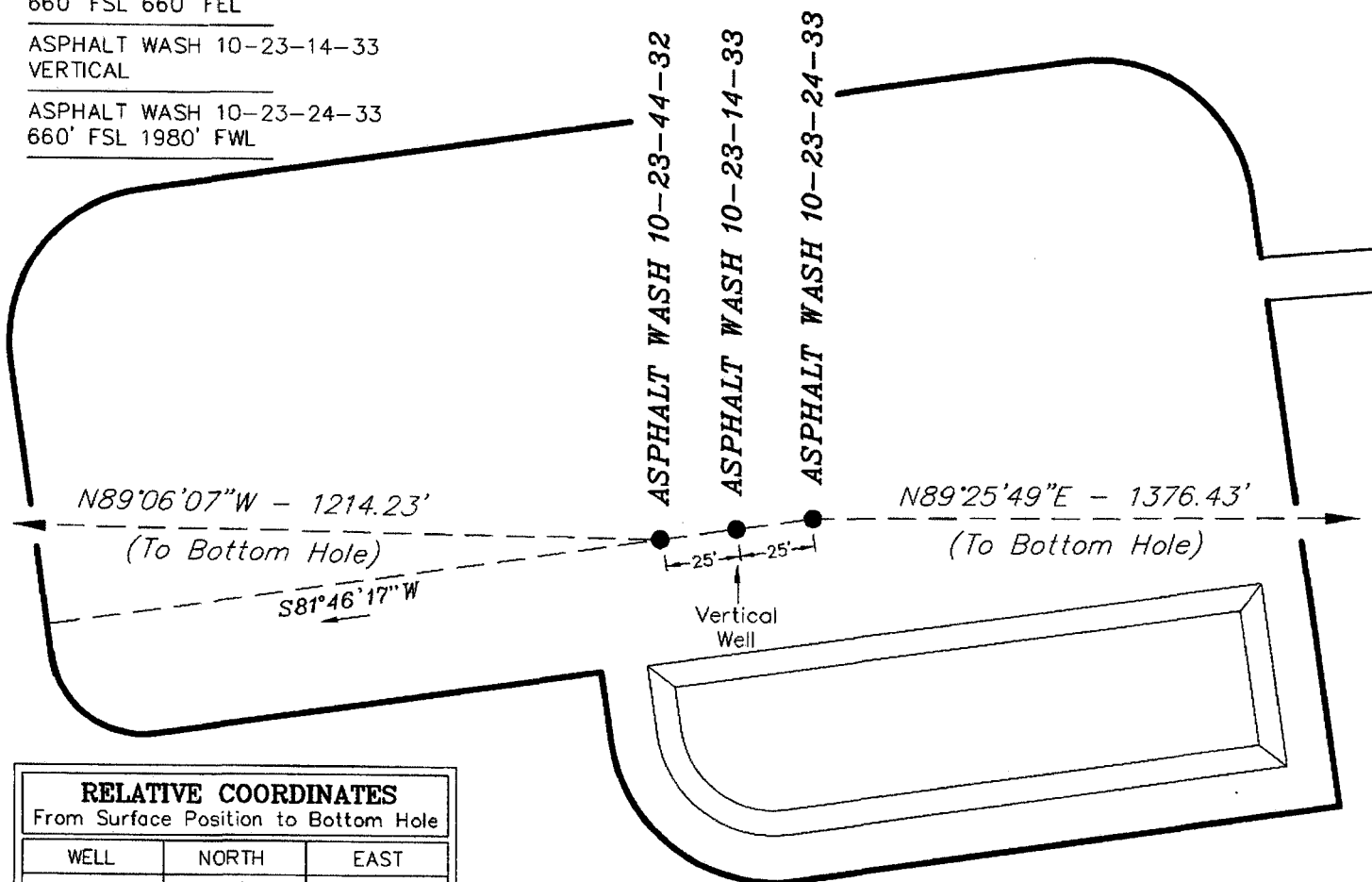
ASPHALT WASH 10-23-44-32  
660' FSL 660' FEL

ASPHALT WASH 10-23-14-33  
VERTICAL

ASPHALT WASH 10-23-24-33  
660' FSL 1980' FWL

BASIS OF ELEVATION IS TRIANGULATION  
STATION JEK 19 ET 1966 WHICH IS  
LOCATED AT THE SOUTH 1/4 CORNER OF  
SECTION 8, T11S, R23E, S.L.B.&M. THE  
ELEVATION OF THIS TRIANGULATION  
STATION IS SHOWN ON THE ARCHY BENCH  
SE 7.5 MIN. QUADRANGLE AS BEING  
6054'.

PROPOSED GRADED GROUND  
ELEVATION OF PAD IS 5808.9'



### RELATIVE COORDINATES

From Surface Position to Bottom Hole

WELL	NORTH	EAST
44-32	19'	-1,214'
14-33	VERTICAL	
24-33	14'	1,376'

### LATITUDE & LONGITUDE

Surface Position - (NAD 83) Autonomous

WELL	N. LATITUDE	W. LONGITUDE
44-32	39°53'59.79"	109°20'21.51"
14-33	39°53'59.82"	109°20'21.19"
24-33	39°53'59.86"	109°20'20.87"

BASIS OF BEARINGS IS THE SOUTH  
LINE OF THE SE 1/4 OF SECTION 33,  
T10S, R23E, S.L.B.&M. WHICH IS  
TAKEN FROM GLOBAL POSITIONING  
SATELLITE OBSERVATIONS TO BEAR  
S89°59'44\"W.

### LATITUDE & LONGITUDE

Bottom Hole - (NAD 83) Autonomous

WELL	N. LATITUDE	W. LONGITUDE
44-32	39°53'59.98"	109°20'37.08"
14-33	VERTICAL	
24-33	39°53'59.99"	109°20'03.22"

Section 33, T10S, R23E, S.L.B.&M.

Qtr/Qtr Location: SW SW

Footage Location: 644' FSL 579' FWL

Date Surveyed:  
10-17-05

Date Drawn:  
10-25-05

Date Last Revision:

Surveyed By: K.R.K.

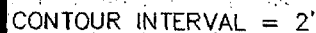
Drawn By: J.R.S.

Scale: 1" = 60'

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**SHEET**  
**3**  
**OF 11**

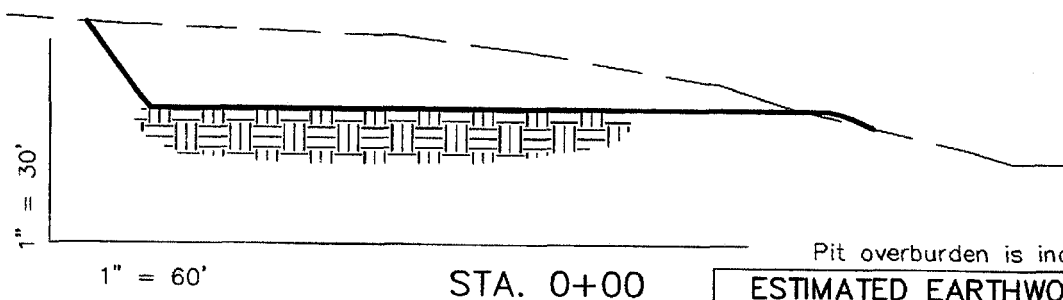
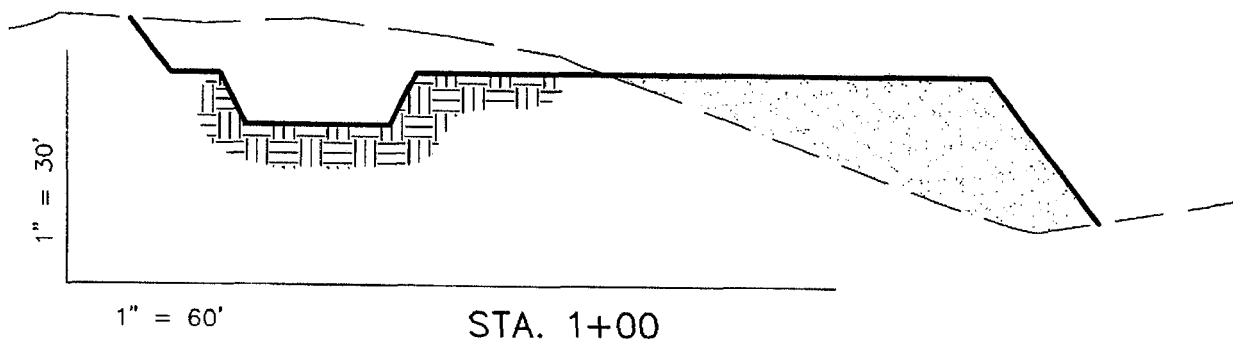
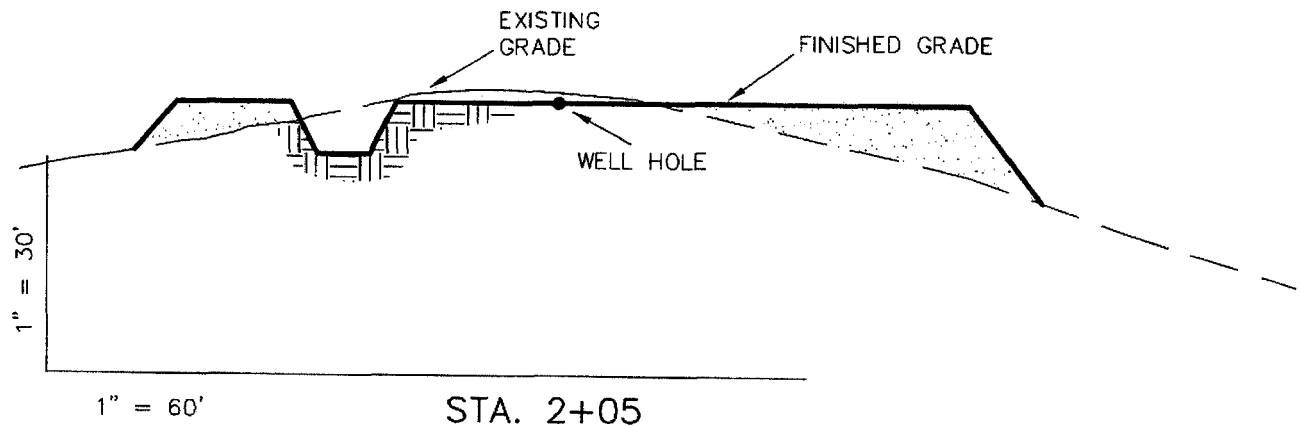
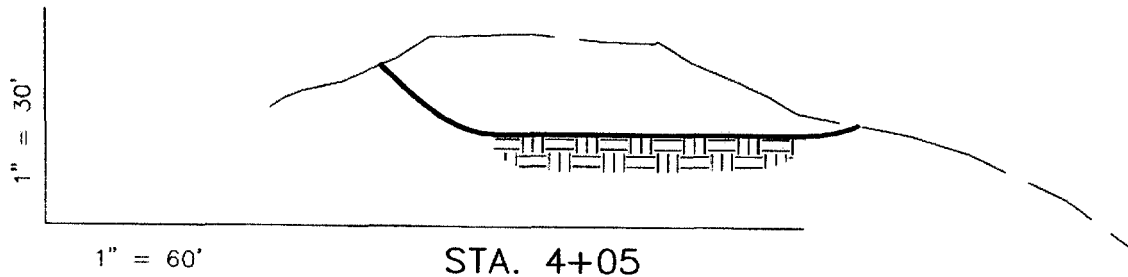
CUT SHEET - ASPHALT WASH 10-23-14-33,  
 ASPHALT WASH 10-23-24-33 & ASPHALT WASH 10-23-44-32



Section 33, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: SW SW		Footage Location: 644' FSL 579' FWL	
Date Surveyed: 10-17-05	Date Drawn: 10-25-05	Date Last Revision:	<b>Timberline</b> (435) 789-1365 <b>Land Surveying, Inc.</b> 38 WEST 100 NORTH VERNAL, UTAH 84078		SHEET <b>4</b> OF 11
Surveyed By: K.R.K.	Drawn By: J.R.S.	Scale: 1" = 60'			

# ENDURING RESOURCES

CROSS SECTIONS - ASPHALT WASH 10-23-14-33,  
ASPHALT WASH 10-23-24-33 & ASPHALT WASH 10-23-44-32



Pit overburden is included in pad cut.

ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	15,390	11,280	Topsoil is not included in Pad Cut	4,110
PIT	2,880	0		2,880
TOTALS	18,270	11,280	1,630	6,990

Excess Material after Pit Rehabilitation = 5,550 Cu. Yds.

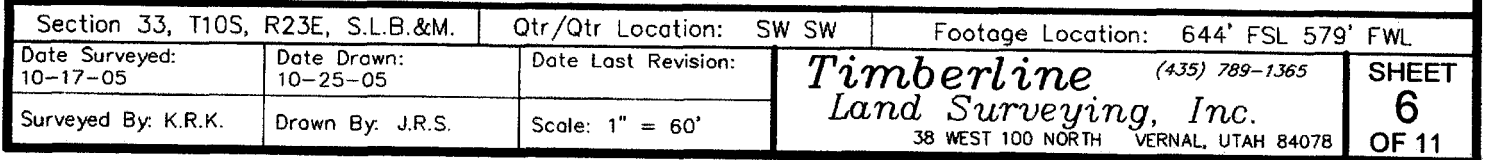
NOTE:  
UNLESS OTHERWISE NOTED  
ALL CUT/FILL SLOPES ARE  
AT 1.5:1

## REFERENCE POINTS

225' Westerly 5817.1'  
270' Westerly 5807.3'

Section 33, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: SW SW		Footage Location: 644' FSL 579' FWL	
Date Surveyed: 10-17-05	Date Drawn: 10-25-05	Date Last Revision:		<b>Timberline</b> (435) 789-1365 <b>Land Surveying, Inc.</b> 38 WEST 100 NORTH VERNAL, UTAH 84078	<b>SHEET</b> <b>5</b> <b>OF 11</b>
Surveyed By: K.R.K.	Drawn By: J.R.S.	Scale: 1" = 60'			

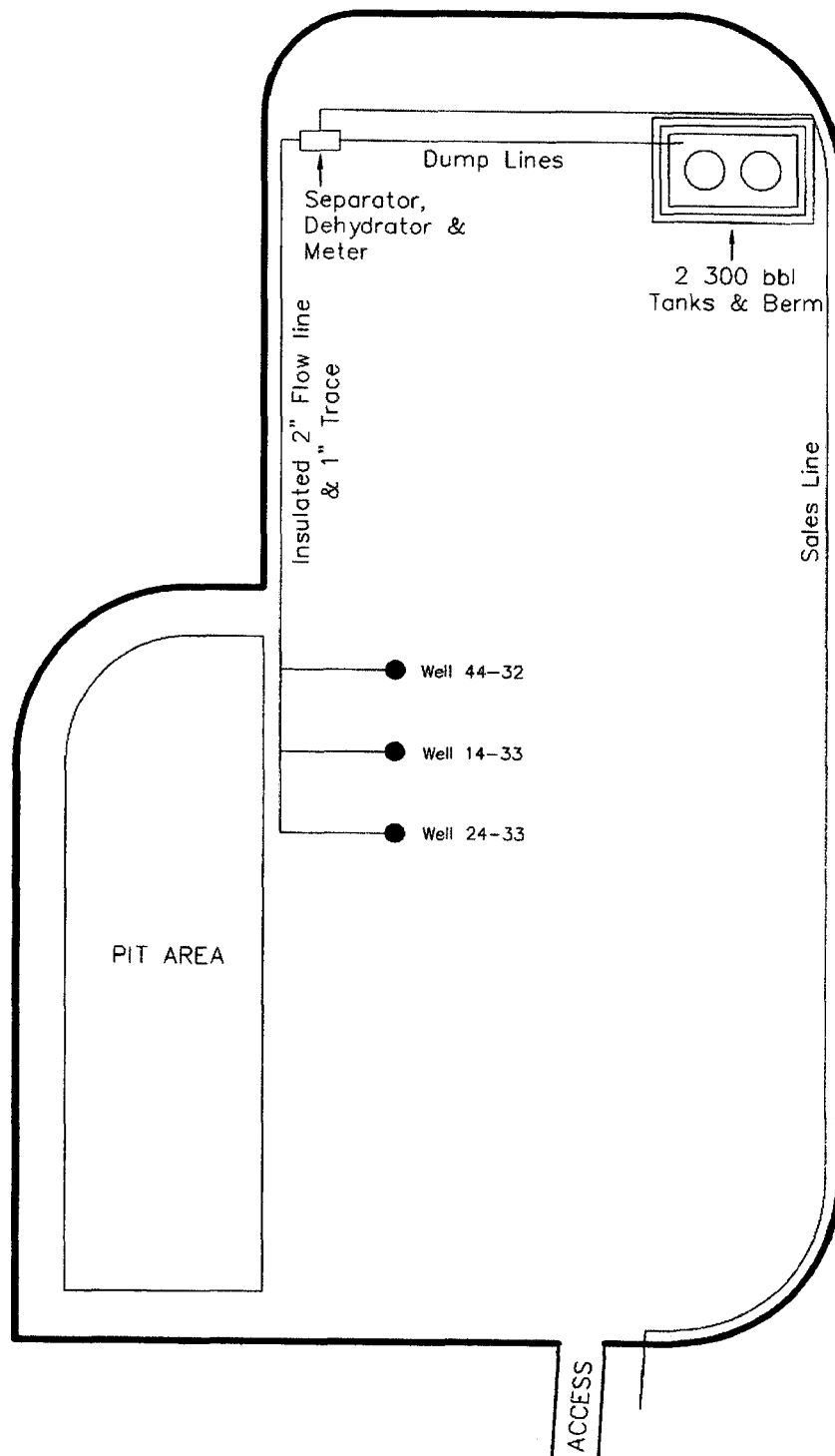
**TYPICAL RIG LAYOUT - ASPHALT WASH 10-23-14-33,  
ASPHALT WASH 10-23-24-33 & ASPHALT WASH 10-23-44-32**





# ENDURING RESOURCES

TYPICAL PRODUCTION LAYOUT - ASPHALT WASH 10-23-14-33,  
ASPHALT WASH 10-23-24-33 & ASPHALT WASH 10-23-44-32

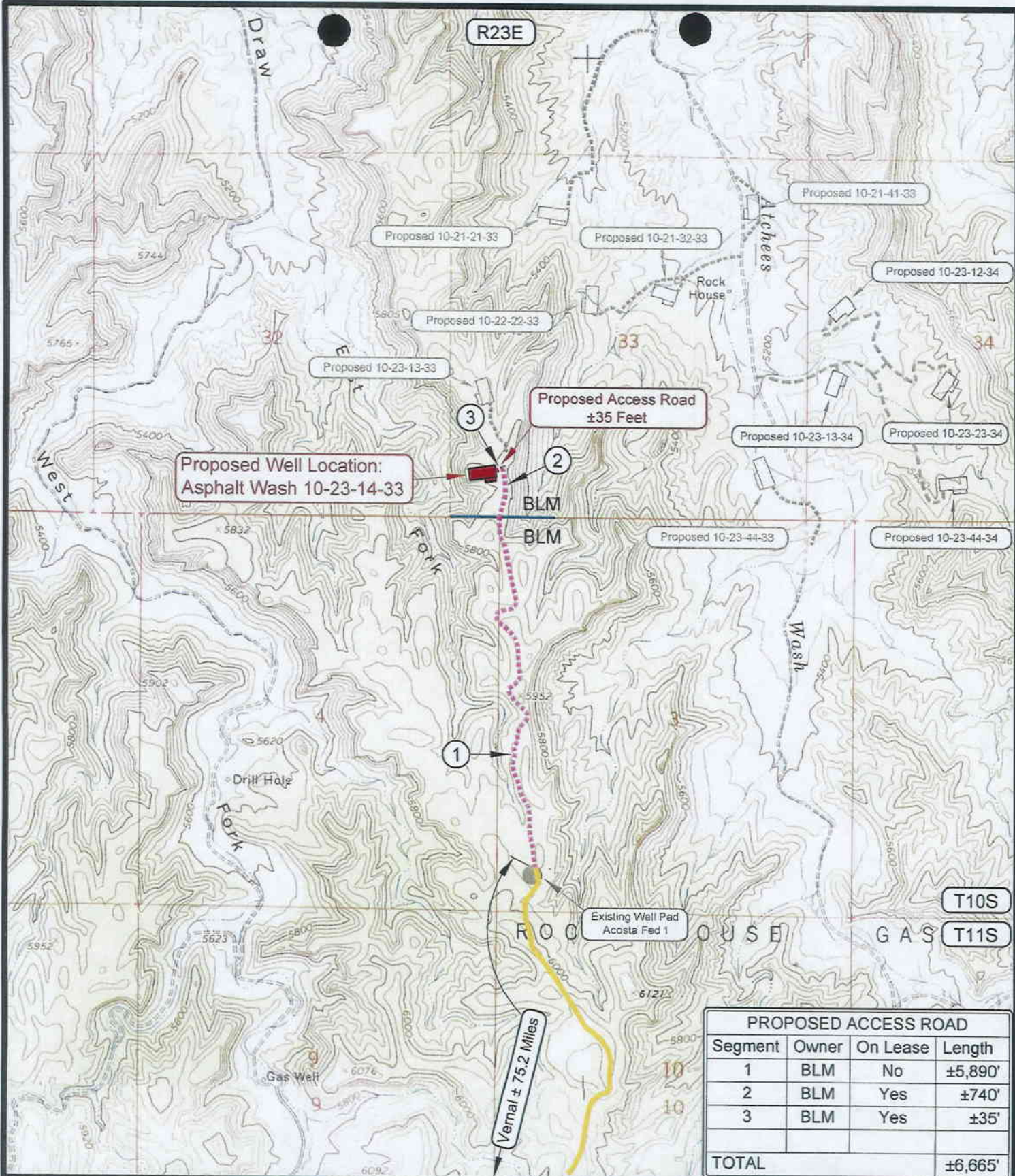


Section 33, T10S, R23E, S.L.B.&M.		Qtr/Qtr Location: SW SW		Footage Location: 644' FSL 579' FWL	
Date Surveyed: 10-17-05	Date Drawn: 10-25-05	Date Last Revision:	<i>Timberline</i> (435) 789-1365 <i>Land Surveying, Inc.</i> 38 WEST 100 NORTH VERNAL, UTAH 84078		SHEET 7 OF 11
Surveyed By: K.R.K.	Drawn By: J.R.S.	Scale: 1" = 60'			



REVISÉ: 10-25-05 J.R.S.





#### LEGEND

- PROPOSED ACCESS ROAD  
 ■■■■■ = SUBJECT WELL  
 ■■■■■ = SHARED ACCESS  
 — = EXISTING ROAD  
 — = EXISTING ROAD (TO BE IMPROVED)  
 (B-5460) = COUNTY ROAD CLASS & NUMBER
- = LEASE LINE AND / OR  
 PROPERTY LINE

#### TOPOGRAPHIC MAP "B"

SCALE: 1" = 2000'

DRAWN BY: T.D.H.

DATE SURVEYED: 05-11-05

DATE DRAWN: 06-07-05

REVISED: 10-25-05 J.R.S.

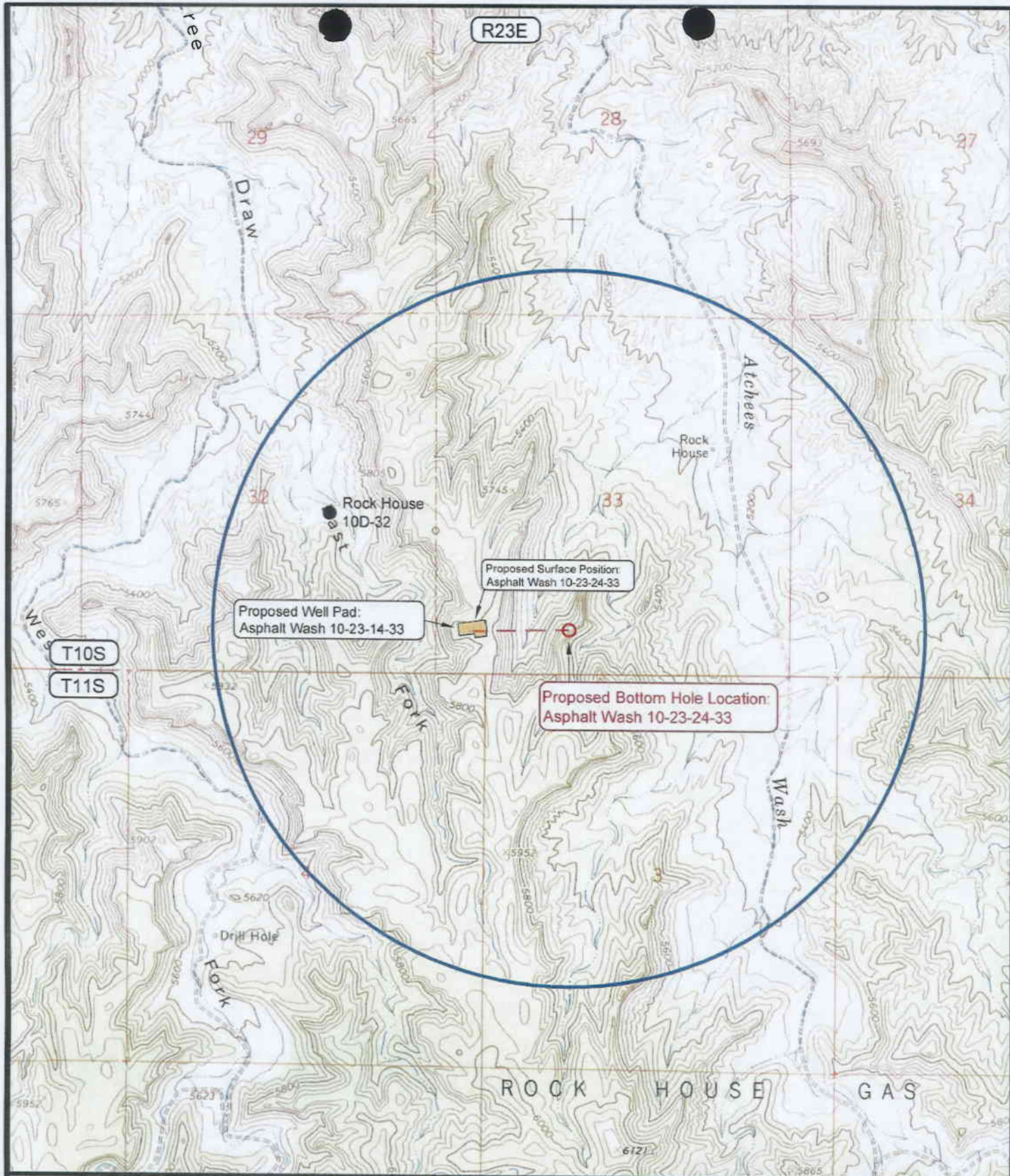
#### ENDURING RESOURCES

**Asphalt Wash 10-23-14-33, Asphalt Wash  
 10-23-24-33 & Asphalt Wash 10-23-44-32  
 SECTION 33, T10S, R23E, S.L.B.&M.  
 644' FSL & 579' FWL**

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SHEET  
**9**  
 OF 11





#### LEGEND

- ⊗ = DISPOSAL WELL
- = PRODUCING WELL
- = SHUT IN WELL
- ⊗ = WATER WELL
- = ABANDONED WELL
- = TEMPORARILY ABANDONED WELL

TOPOGRAPHIC MAP "C"

DATE SURVEYED: 05-11-05

DATE DRAWN: 06-13-05

SCALE: 1" = 2000'

DRAWN BY: B.J.S.

REVISED:

#### ENDURING RESOURCES

**Asphalt Wash 10-23-24-33**  
**SECTION 33, T10S, R23E, S.L.B.&M.**  
**Bottom Hole: 660' FSL & 1980' FWL**

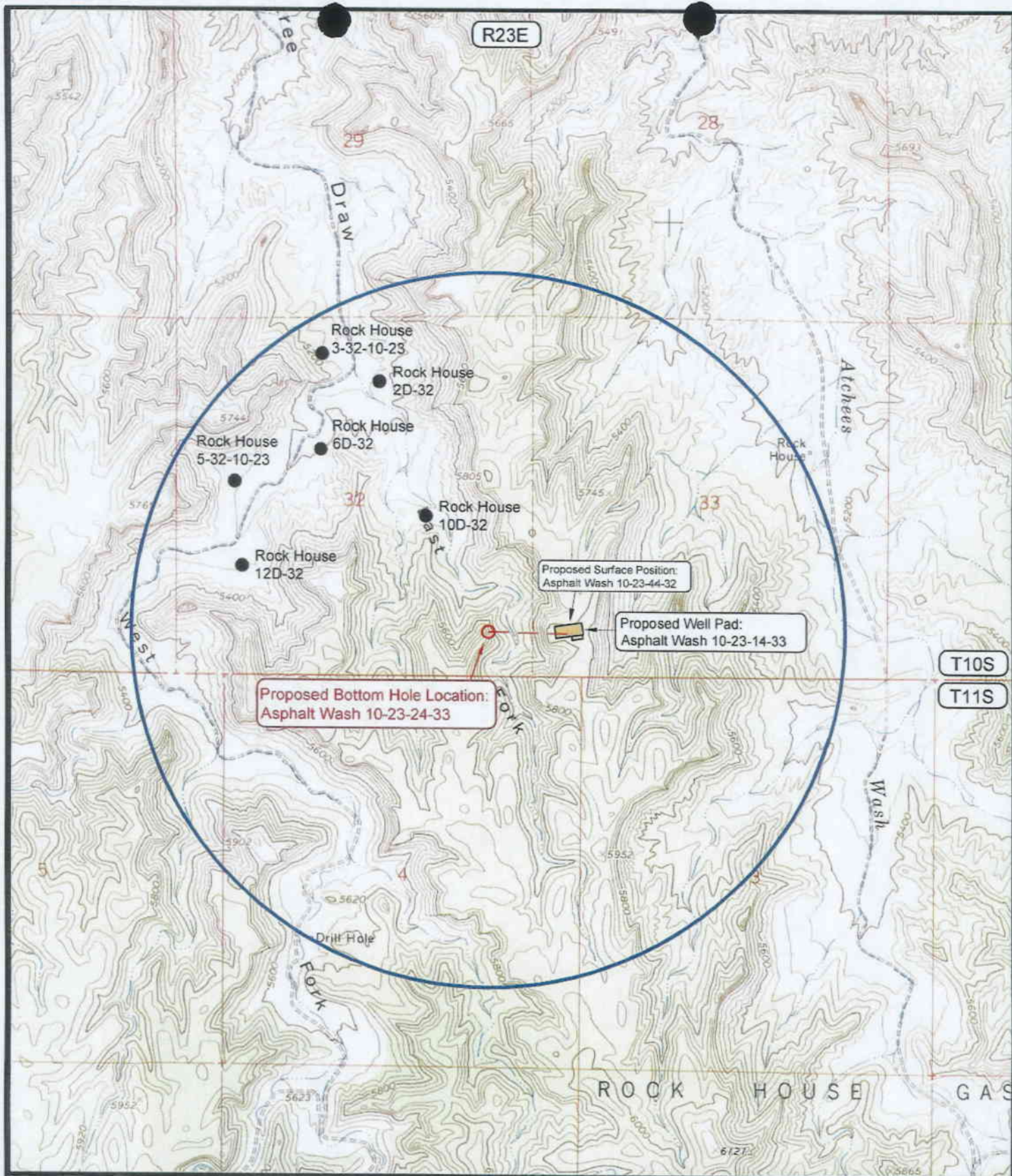
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**SHEET**  
**10a**  
**OF 11**









#### LEGEND

- |                    |                                |
|--------------------|--------------------------------|
| ○ = DISPOSAL WELL  | ○ = WATER WELL                 |
| ● = PRODUCING WELL | ● = ABANDONED WELL             |
| ● = SHUT IN WELL   | ● = TEMPORARILY ABANDONED WELL |

TOPOGRAPHIC MAP "C"

DATE SURVEYED: 10-17-05

DATE DRAWN: 10-25-05

SCALE: 1" = 2000'

DRAWN BY: J.R.S.

REVISED:

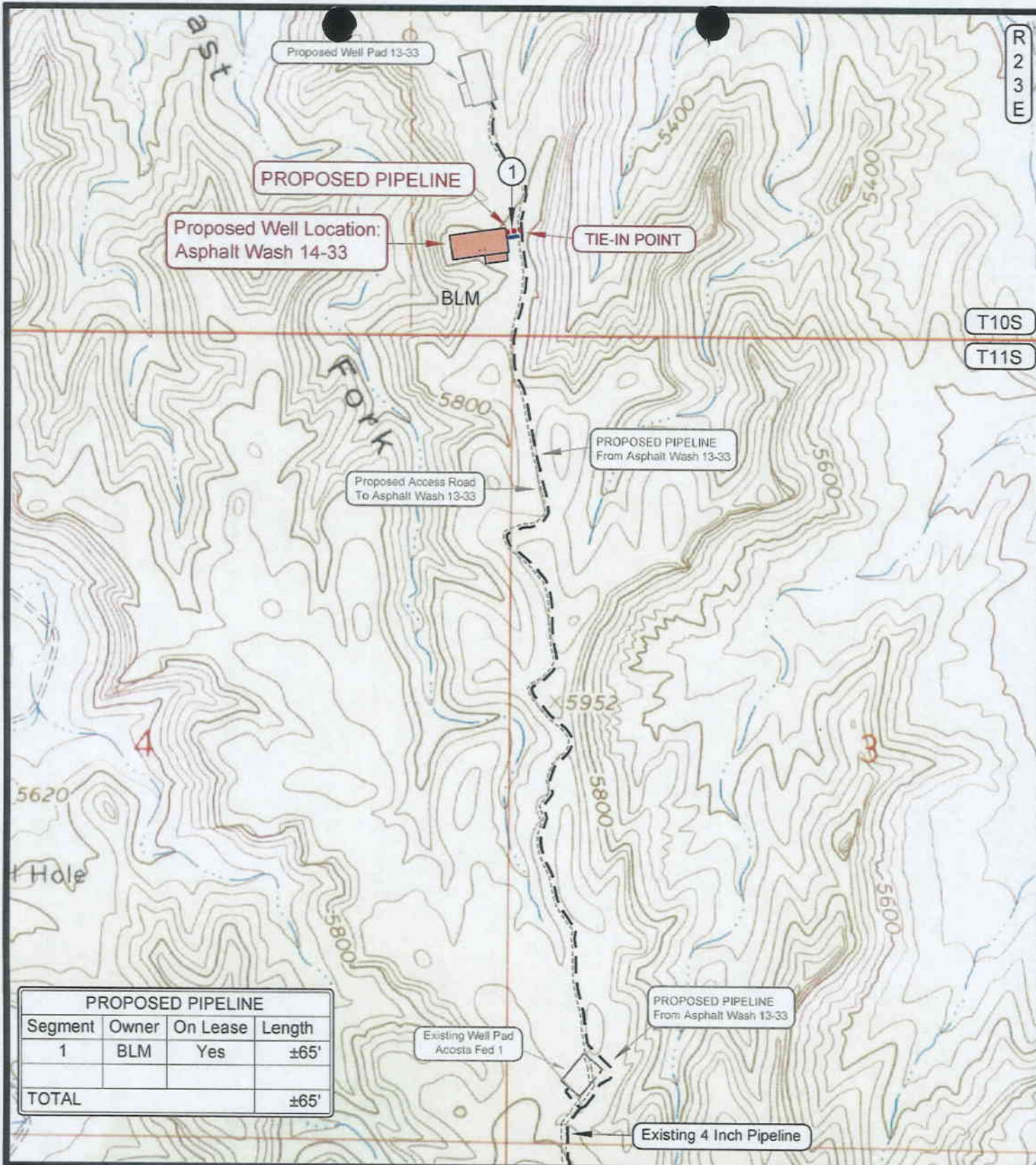
#### ENDURING RESOURCES

**Asphalt Wash 10-23-44-32**  
**SECTION 33, T10S, R23E, S.L.B.&M.**  
**Bottom Hole: 660' FSL & 660' FEL**

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 (435) 789-1365

**SHEET**  
**10c**  
**OF 11**



R  
2  
3  
E

## LEGEND

- = OTHER PIPELINE  
 - - - - - = PROPOSED PIPELINE  
 - - - - - = PROPOSED ACCESS ROAD  
 - - - - - = LEASE LINE AND / OR PROPERTY LINE

## TOPOGRAPHIC MAP "D"

SCALE: 1" = 1000'

DRAWN BY: B.J.S.

DATE SURVEYED: 05-11-05

DATE DRAWN: 06-13-05

REVISED: 10-25-05 J.R.S.

## ENDURING RESOURCES

**Asphalt Wash 10-23-14-33, Asphalt Wash  
 10-23-24-33 & Asphalt Wash 10-23-44-32  
 SECTION 33, T10S, R23E, S.L.B.&M.  
 644' FSL & 579' FWL**

**Timberline Land Surveying, Inc.**

 38 West 100 North Vernal, Utah 84078  
 (435) 789-1365

SHEET

11

OF 11

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/13/2006

API NO. ASSIGNED: 43-047-37616

WELL NAME: ASPHALT WASH 10-23-14-33

OPERATOR: ENDURING RESOURCES, LLC ( N2750 )

PHONE NUMBER: 303-350-5114

CONTACT: AL ARLIAN

PROPOSED LOCATION:

SWSW 33 100S 230E

SURFACE: 0644 FSL 0579 FWL

BOTTOM: 0644 FSL 0579 FWL

COUNTY: UINTAH

LATITUDE: 39.89995 LONGITUDE: -109.3385

UTM SURF EASTINGS: 642040 NORTHINGS: 4417764

FIELD NAME: NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /

Tech Review

Initials

Date

Engineering

Geology

Surface

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-07351

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. RLB0008031 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit  
(No. 43-8496 )

☒ RDCC Review (Y/N)  
(Date: )

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3.

Unit: \_\_\_\_\_

☒ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

\_\_\_ R649-3-3. Exception

\_\_\_ Drilling Unit

Board Cause No: \_\_\_\_\_

Eff Date: \_\_\_\_\_

Siting: \_\_\_\_\_

\_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

1- Federal Approval  
2- Spacing Stip



T10S R23E

## NATURAL BUTTES FIELD

ASPHALT WASH  
10-23-11-33

ASPHALT WASH  
10-23-12-34

ASPHALT WASH  
10-23-13-34

ATCHEE  
WASH 33-9

ASPHALT WASH  
10-23-14-33

SADDLE TREE  
DRAW 13-34

ROCK HOUSE  
9-32-10-23

ASPHALT WASH  
10-23-13-33

ASPHALT WASH  
10-23-23-33

ASPHALT WASH  
10-23-14-33

T11S R23E

## ROCK HOUSE UNIT

## ROCK HOUSE FIELD

OPERATOR: ENDURING RES LLC (N2750)

SEC: 33 T. 10S R. 23E

FIELD: NATURAL BUTTES (630)

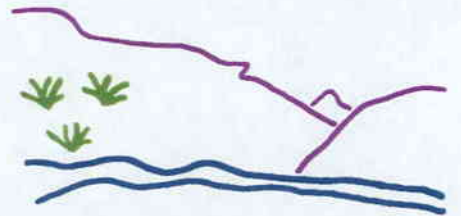
COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

**Field Status**  
 ABANDONED  
 ACTIVE  
 COMBINED  
 INACTIVE  
 PROPOSED  
 STORAGE  
 TERMINATED

**Unit Status**  
 EXPLORATORY  
 GAS STORAGE  
 NF PP OIL  
 NF SECONDARY  
 PENDING  
 PI OIL  
 PP GAS  
 PP GEOTHERML  
 PP OIL  
 SECONDARY  
 TERMINATED

**Wells Status**  
 GAS INJECTION  
 GAS STORAGE  
 LOCATION ABANDONED  
 NEW LOCATION  
 PLUGGED & ABANDONED  
 PRODUCING GAS  
 PRODUCING OIL  
 SHUT-IN GAS  
 SHUT-IN OIL  
 TEMP. ABANDONED  
 TEST WELL  
 WATER INJECTION  
 WATER SUPPLY  
 WATER DISPOSAL  
 DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
 DATE: 17-JANUARY-2006



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

January 17, 2006

Enduring Resources, LLC  
475 17th St., Ste 1500  
Denver, CO 80202

Re: Asphalt Wash 10-23-14-33 Well, 644' FSL, 579' FWL, SW SW, Sec. 33,  
T. 10 South, R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37616.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** Enduring Resources, LLC  
**Well Name & Number** Asphalt Wash 10-23-14-33  
**API Number:** 43-047-37616  
**Lease:** UTU-07351

**Location:** SW SW                      **Sec.** 33                      **T.** 10 South                      **R.** 23 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

**5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.**

CONFIDENTIAL

FORM 9

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-07351
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL FOOTAGES AT SURFACE: 644' FSL - 579' FWL		8. WELL NAME and NUMBER: Asphalt Wash 10-23-14-33
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 33 10S 23E S		9. API NUMBER: 4304737616
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Undesignated
STATE: UTAH		

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Request for APD Extension
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill ....

FROM: 1/17/2007  
TO: 1/17/2008

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 12-14-06  
By: *[Signature]*

COPY SENT TO OPERATOR  
Date: 12-15-06  
Initials: RM

NAME (PLEASE PRINT) <u>Evette Bissett</u>	TITLE <u>Regulatory Compliance Assistant</u>
SIGNATURE <u><i>Evette Bissett</i></u>	DATE <u>12/11/2006</u>

(This space for State use only)

**RECEIVED**

**DEC 14 2006**

DIV. OF OIL, GAS & MINING

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304737616  
**Well Name:** Asphalt Wash 10-23-14-33  
**Location:** 644' FSL - 579' FWL, SWSW, Sec 33, T10S-R23E  
**Company Permit Issued to:** Enduring Resources, LLC  
**Date Original Permit Issued:** 1/17/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

*Ernesto Bressi*  
Signature

12/11/2006  
Date

**Title:** Regulatory Compliance Assistant

**Representing:** Enduring Resources, LLC

**RECEIVED  
DEC 14 2006**

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU-07351

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
n/a

7. UNIT or CA AGREEMENT NAME:  
n/a

8. WELL NAME and NUMBER:  
Asphalt Wash 10-23-14-33

9. API NUMBER:  
4304737616

10. FIELD AND POOL, OR WILDCAT:  
Undesignated

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

Enduring Resources, LLC

3. ADDRESS OF OPERATOR:

475 17th Street, Suite 1500

CITY

Denver

STATE

CO

ZIP

80202

PHONE NUMBER:

(303) 350-5719

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 644' FSL - 579' FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 33 10S 23E S

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

TYPE OF ACTION

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Request for APD  
Extension

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill ....

FROM: 12/14/2007  
TO: 12/14/2008

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 12-17-07  
By: [Signature]

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

TITLE Landman - Regulatory Specialist

SIGNATURE [Signature]

DATE 12/5/2007

(This space for State use only)

COPY SENT TO OPERATOR

Date: 12-17-2007

Initials: [Signature]

(5/2000)

(See Instructions on Reverse Side)

RECEIVED

DEC 13 2007

DIV. OF OIL, GAS & MINING



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304737616  
**Well Name:** Asphalt Wash 10-23-14-33  
**Location:** 644' FSL - 579' FWL, SWSW, Sec 33, T10S-R23E  
**Company Permit Issued to:** Enduring Resources, LLC  
**Date Original Permit Issued:** 1/17/2006

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Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Signature

12/5/2007

Date

Title: Landman - Regulatory Specialist

Representing: Enduring Resources, LLC

RECEIVED  
DEC 13 2007  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

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3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: n/a
PHONE NUMBER: (303) 350-5114		8. WELL NAME and NUMBER: Asphalt Wash 10-23-14-33
4. LOCATION OF WELL FOOTAGES AT SURFACE: 644' FSL - 579' FWL		9. API NUMBER: 4304737616
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 33 10S 23E S		10. FIELD AND POOL, OR WILDCAT: Undesignated
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

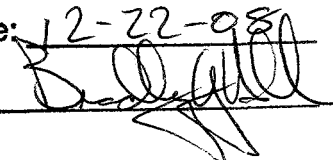
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
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	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill ....

FROM: 12/17/2008  
TO: 12/17/2009

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 12-22-08  
By: 

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman  
SIGNATURE  DATE 12/8/2008

(This space for State use only)

COPY SENT TO OPERATOR

Date: 12-30-2008

Initials: KS

(5/2000)

(See Instructions on Reverse Side)

RECEIVED

DEC 18 2008

DIV. OF OIL, GAS & MINING





**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304737616  
**Well Name:** Asphalt Wash 10-23-14-33  
**Location:** 644' FSL - 579' FWL, SWSW, Sec 33, T10S-R23E  
**Company Permit Issued to:** Enduring Resources, LLC  
**Date Original Permit Issued:** 1/17/2006

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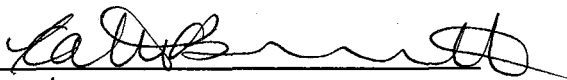
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Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

12/8/2008

Date

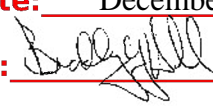
Title: Administrative Assistant

Representing: Enduring Resources, LLC

RECEIVED

DEC 18 2008

DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-07351			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b>			
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> ASPHALT WASH 10-23-14-33			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0644 FSL 0579 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 33 Township: 10.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047376160000			
<b>PHONE NUMBER:</b> 303 350-5114 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES			
<b>COUNTY:</b> Uintah		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 12/22/2009  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input checked="" type="checkbox"/> APD EXTENSION          OTHER: _____       </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  Request an one-year extension to APD term.					
<p style="color: red; font-weight: bold;">Approved by the Utah Division of Oil, Gas and Mining</p> <p style="color: red; font-weight: bold;">Date: <u>December 21, 2009</u></p> <p style="color: red; font-weight: bold;">By: <u></u></p>					
<b>NAME (PLEASE PRINT)</b> Alvin Arlian		<b>PHONE NUMBER</b> 303 350-5114			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Landman-Regulatory			
<b>DATE</b> 12/18/2009					



## The Utah Division of Oil, Gas, and Mining

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### Request for Permit Extension Validation Well Number 43047376160000

**API:** 43047376160000

**Well Name:** ASPHALT WASH 10-23-14-33

**Location:** 0644 FSL 0579 FWL QTR SWSW SEC 33 TWNP 100S RNG 230E MER S

**Company Permit Issued to:** ENDURING RESOURCES, LLC

**Date Original Permit Issued:** 1/17/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Signature:** Alvin Arlian

**Date:** 12/18/2009

**Title:** Landman-Regulatory **Representing:** ENDURING RESOURCES, LLC

**Date:** December 21, 2009

**By:** 

**RECEIVED** December 18, 2009

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-07351
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> ASPHALT WASH 10-23-14-33
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0644 FSL 0579 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 33 Township: 10.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047376160000
<b>PHONE NUMBER:</b> 303 350-5114 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UTAH		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 1/17/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px; vertical-align: middle;"></span>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 Request an one-year extension to APD termination date.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 01/19/2011

By:

<b>NAME (PLEASE PRINT)</b> Alvin Arlian	<b>PHONE NUMBER</b> 303 350-5114	<b>TITLE</b> Landman-Regulatory
<b>SIGNATURE</b> N/A		<b>DATE</b> 1/14/2011



## The Utah Division of Oil, Gas, and Mining

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### Request for Permit Extension Validation Well Number 43047376160000

**API:** 43047376160000

**Well Name:** ASPHALT WASH 10-23-14-33

**Location:** 0644 FSL 0579 FWL QTR SWSW SEC 33 TWP 100S RNG 230E MER S

**Company Permit Issued to:** ENDURING RESOURCES, LLC

**Date Original Permit Issued:** 1/17/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Signature:** Alvin Arlian

**Date:** 1/14/2011

**Title:** Landman-Regulatory **Representing:** ENDURING RESOURCES, LLC

**Date:** 01/19/2011

**By:** 

**RECEIVED** January 14, 2011

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-07351
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 511-16th Street, Suite 700 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> ASPHALT WASH 10-23-14-33
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0644 FSL 0579 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 33 Township: 10.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047376160000
<b>PHONE NUMBER:</b> 303 350-5114 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>1/17/2012</b>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> ACIDIZE</div> <div style="width: 33%;"><input type="checkbox"/> ALTER CASING</div> <div style="width: 33%;"><input type="checkbox"/> CASING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TUBING</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL NAME</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL STATUS</div> <div style="width: 33%;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</div> <div style="width: 33%;"><input type="checkbox"/> CONVERT WELL TYPE</div> <div style="width: 33%;"><input type="checkbox"/> DEEPEN</div> <div style="width: 33%;"><input type="checkbox"/> FRACTURE TREAT</div> <div style="width: 33%;"><input type="checkbox"/> NEW CONSTRUCTION</div> <div style="width: 33%;"><input type="checkbox"/> OPERATOR CHANGE</div> <div style="width: 33%;"><input type="checkbox"/> PLUG AND ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> PLUG BACK</div> <div style="width: 33%;"><input type="checkbox"/> PRODUCTION START OR RESUME</div> <div style="width: 33%;"><input type="checkbox"/> RECLAMATION OF WELL SITE</div> <div style="width: 33%;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</div> <div style="width: 33%;"><input type="checkbox"/> TEMPORARY ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> TUBING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> VENT OR FLARE</div> <div style="width: 33%;"><input type="checkbox"/> WATER DISPOSAL</div> <div style="width: 33%;"><input type="checkbox"/> WATER SHUTOFF</div> <div style="width: 33%;"><input type="checkbox"/> SI TA STATUS EXTENSION</div> <div style="width: 33%;"><input checked="" type="checkbox"/> APD EXTENSION</div> <div style="width: 33%;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</div> <div style="width: 33%;"><input type="checkbox"/> OTHER</div> </div>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	
OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Request for an one-year extension to APD expiration date.

Approved by the  
 Utah Division of  
 Oil, Gas and Mining  
 January 23, 2012

Date: \_\_\_\_\_

By: \_\_\_\_\_

<b>NAME (PLEASE PRINT)</b> Alvin Arlian	<b>PHONE NUMBER</b> 303 350-5114	<b>TITLE</b> Landman-Regulatory
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/17/2012	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Request for Permit Extension Validation Well Number 43047376160000**

**API:** 43047376160000

**Well Name:** ASPHALT WASH 10-23-14-33

**Location:** 0644 FSL 0579 FWL QTR SWSW SEC 33 TWNP 100S RNG 230E MER S

**Company Permit Issued to:** ENDURING RESOURCES, LLC

**Date Original Permit Issued:** 1/17/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Signature:** Alvin Arlian

**Date:** 1/17/2012

**Title:** Landman-Regulatory **Representing:** ENDURING RESOURCES, LLC

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-07351
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 511-16th Street, Suite 700 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> ASPHALT WASH 10-23-14-33
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0644 FSL 0579 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 33 Township: 10.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047376160000
<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>1/17/2013</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 Request for an one-year extension to APD expiration date.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: January 16, 2013

By:

<b>NAME (PLEASE PRINT)</b> Alvin Arlian	<b>PHONE NUMBER</b> 303 350-5114	<b>TITLE</b> Landman-Regulatory
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/15/2013	





**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Request for Permit Extension Validation Well Number 43047376160000**

**API:** 43047376160000

**Well Name:** ASPHALT WASH 10-23-14-33

**Location:** 0644 FSL 0579 FWL QTR SWSW SEC 33 TWNP 100S RNG 230E MER S

**Company Permit Issued to:** ENDURING RESOURCES, LLC

**Date Original Permit Issued:** 1/17/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Signature:** Alvin Arlian

**Date:** 1/15/2013

**Title:** Landman-Regulatory **Representing:** ENDURING RESOURCES, LLC

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-07351
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 511-16th Street, Suite 700 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> ASPHALT WASH 10-23-14-33
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0644 FSL 0579 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 33 Township: 10.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047376160000
<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>1/17/2014</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 Request for an one-year extension of APD expiration date.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: January 27, 2014

By:

<b>NAME (PLEASE PRINT)</b> Alvin Arlian	<b>PHONE NUMBER</b> 303 350-5114	<b>TITLE</b> Landman-Regulatory
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/17/2014	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Request for Permit Extension Validation Well Number 43047376160000**

**API:** 43047376160000

**Well Name:** ASPHALT WASH 10-23-14-33

**Location:** 0644 FSL 0579 FWL QTR SWSW SEC 33 TWNP 100S RNG 230E MER S

**Company Permit Issued to:** ENDURING RESOURCES, LLC

**Date Original Permit Issued:** 1/17/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Signature:** Alvin Arlian

**Date:** 1/17/2014

**Title:** Landman-Regulatory **Representing:** ENDURING RESOURCES, LLC



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

December 24, 2014

Travis Whitham  
Enduring Resources, LLC  
511-16th Street, Suite 700  
Denver, CO 80202

43 047 37616  
Asphalt Wash 10-23-14-33  
33 10S 23E

Re: APDs Rescinded Enduring Resources, LLC, Uintah County

Dear Mr. Whitham:

Enclosed find the list of APDs that you asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason  
Environmental Scientist

cc: Well File  
Bureau of Land Management, Vernal



4304737576 BIG PACK 11-21-44-28

4304737579 BIG PACK 11-21-41-33

4304737588 BIG PACK 11-21-42-28

4304737601 ASPHALT WASH 10-23-13-33

4304737603 BIG PACK 11-21-43-33

4304737615 ASPHALT WASH 10-23-41-33

→ 4304737616 ASPHALT WASH 10-23-14-33

4304736237 SOUTHMAN CYN 10-24-11-30

4304737614 ASPHALT WASH 10-23-44-33

4304737632 ASPHALT WASH 10-23-42-33

4304737633 ASPHALT WASH 10-23-31-33

4304739920 ASPHALT WASH 10-23-32-33

4304737637 ASPHALT WASH 10-23-21-33

4304737638 ASPHALT WASH 10-23-11-33

4304737645 E BENCH 11-22-21-20